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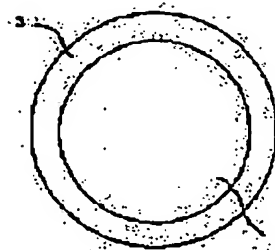
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(54) CONDUCTIVE PARTICLE, ANISOTROPIC CONDUCTIVE ADHESIVE MATERIAL, AND LIQUID CRYSTAL DISPLAY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide good conductive connection without giving deformation or damage to a substrate or an electrode by having an inflection point at which a compression deformation rate is sharply increased in the specified range of the compression deformation rate when compression load is applied to a conductive particle formed by forming a conductive layer on the surface of a core particle.

SOLUTION: A conductive particle 1 has a sharp inflection point in the range within which a compression deformation rate is 5-40%. The compression deformation property of the conductive particle 1 is given by a core particle 2 formed with an inorganic material or an organic material, and the core particle 2 is preferable to be formed with acrylate resin, polystyrene resin, styrene-acrylic copolymer resin, urethane resin, epoxy resin, polyester resin, or the like. If necessary, a compound having a reactive double bond capable of copolymerizing with these resin, or a copolymer with two functional or multi-functional monomer is preferable. The conductive particle 1 has the property of a hard globe until compression load under normal temperature reaches 1 gf/particle to 3 gf/particle, and upon exceeding this point, the particle 1 is crushed and elastically deforms.



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